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(54) **METHOD AND APPARATUS FOR DECODING MEMORY**

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(57) **ABSTRACT**

A thin-film memory may include a thin-film transistor-free address decoder in conjunction with thin-film memory elements to yield an all-thin-film memory. Such a thin-film memory excludes all single-crystal electronic devices and may be formed, for example, on a low-cost substrate, such as fiberglass, glass or ceramic. The memory may be configured for operation with an external memory controller.